

OSCILLATOR

Oregon Tualatin Valley Amateur Radio Club (Est. 1978)

January 1998

THE PREZ SAYS

By Betty, N7REX

As old years pass and new ones dawn, we tend to be nostalgic. 1997 was a busy year for the club.

We collectively spent more than 2000 hours in community service (to name a few, in no particular order, Reach the Beach, Bridge Peddle, Walktoberfest, Santa Claus Parade, STP, MS 150, Cycle Oregon, Summit to Surf, Oregon Bike Trek, Walk to Cure Diabetes, Portland Marathon, etc.).

Our 1997 year in review posters only scratched the surface of our involvement; partly because I asked people to remember the whole year in November. In 1998 I would like to keep a log of our club participation, so we will have a running notebook of club members activities. Please help by adding lists of volunteers for events that you helped with to the notebook on the front table. Thanks.

In 1997 we had 12 monthly meetings with varied topics including our annual swap meet in September and our grand finale holiday party with the entertainment of Bobby Gibson and the Gibsonian band. We had 12 board meetings – some lively, some long, some short, but all working on the business of running the club. We had 11 travelers' camp outs – to the beach, to the mountains, and to the beach again for our 'thanksgiving' feast at Newport.

In 1998 we need your help. If you have a program idea, contact our new vice president, JD Fort KC7EHT, or any other board member. If you would be willing to be the wagon master at one of the travelers camp outs, contact the head wagon master Barb Bailey, KA7WTF. If you are willing to be on a club committee or a Sea*Pac committee, please contact a board member with your interest. You are all invited to join the board for board meetings. They are

held on the fourth Wednesday of the month at 7 P.M. at the TVF&R Headquarters Building at 20665 S. W. Blanton in Aloha.

In 1997 we had a wonderful field day at Bald Peak State Park (thanks Carl, WS7L), we had another good year at Sea*Pac (thanks Randy, KZ7T; Jim, KB7ADH; Brad, N7NVC; Al, WB7SIC), we had our first VE session for years (thanks Carl, WS7L), we had many lunch socials and a regional picnic (thanks Geno, KB7KBH), we had four, 5th Wednesday contests (thanks Alan, KB7POR).

In 1998 we are again looking forward to our Sea*Pac convention on May 30 & 31 (let's all pitch in and help out this year, remember our income from Sea*Pac is about 70% of our annual income). We are looking forward to having more VE testing sessions – contact Carl for dates and to offer to help. The 1998 regional picnic date has already been set. It will be on September 13, at the Red Sunset Park. Geno is planning our lunch socials, so if you have a favorite place that could accommodate the group, please let him know the

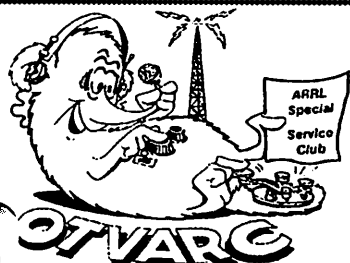
(Continued on page 2)

NEXT MEETING WEDNESDAY, JANUARY 14TH

The program will be presented
by

representatives of our local
HANDI HAMS group. They will
be informing us of HANDI HAM
activities in the Portland area.

Come on down. Join the crowd
for dinner and the meeting.



1998 - TWENTIETH
ANNIVERSARY
ISSUES

W7OTV 146.90 (RPTR)

WWW.EASYSTREET.COM/OTVARC

(Continued from Cover page - The Prez Says)

particulars. We have a few changes for 1998. Jim, KB7ADH, will be in charge of contests - with this being our 20th anniversary year, stay tuned for exciting developments in the contest department. Alan, KB7POR, will take over as coordinator of our field day activities. He has some *SECRET* ideas for newsworthy unique contacts.

A thank you to ALL who participated in 1997 and made it a special year. My hope for 1998 is that we will grow as a 'family' and have a wonderful and memorable year. A special thank you to the secret Santa who slipped the surprise gift into my things at the holiday party. The teacher-bear ornament was a perfect addition to our tree.

Again this year we will have the picture wall. January's theme is 'new beginnings.' Please bring pictures of your newest family member, your new toy (ham gear or other), your new-to-life baby picture or any other picture you think fits the *NEW* criteria.

Betty



DECEMBER ELECTION RESULTS

By W7OTV

The annual Christmas party meeting on 10 December was the scene of ballot counting and new officer announcements for 1998. Randy Stimson, KZ7T, and his hardworking crew of counters and recorders provided the following election results:

President - Betty Mickley, N7REX

Vice President - JD Fort, KC7EHT

Treasurer - Hanford Van Ness, KE7BB

Secretary - Dale LeBarron, W7FBP

Trustee - Janet Bell, WB7FJC

" - Al Berg, WB7SIC

" - Maureen O'Rourke, KA7LAP

Continuing Trustees (not up for election) are:

" - Jack Smithson, KA7HOJ

" - Will Sheffield, N7THL

A big thanks to *all* the candidates who ran for office, and a reminder to *all members* to help our new officers do the best job they can so that the club prospers and provides the activities and challenges we all look forward to.

Let's all work together to make this, the 20th year for OTVARC, a banner year in all respects. Let your officers know how you feel - good or bad - feedback and ideas are necessary for a viable club.



HAPPY NEW YEAR TO ALL OTVARC MEMBERS!!

A LITTLE GUN GOES CONTESTING - PART 2

By Carl, WS7L

Last month my article finished with the opinion that although a modest HF station such as mine might be OK for a domestic contest, it would be woefully insufficient in a DX contest. A good test was coming - the CQ World Wide DX Contest (CW) on Thanksgiving weekend.

I gritted my teeth and sat down at the rig, expecting to be pulverized by the likes of W7RM, W7EJ, and friends. A pleasant weekend it was, 78 contacts, and 31 countries later, I changed my opinion. You can work a DX contest without kilowatts, towers and Yagis.

I didn't exactly make DXCC, maybe we could call it DXQC (DX Quarter Club, for working 25 or more countries). In addition to many countries that I'd never worked before, there were a few personal firsts, such as 5V7A in Togo (my first African contact), 9M6NA in Malaysia on 40M (my station's distance record for under 14Mhz), and S53BM in Slovenia (my first Eastern European contact excepting Russia).

In this contest I learned anew the virtues of careful listening. Several times I heard a DX station calling when they first came up on frequency and worked them before the pileup formed.

This was so much fun that I had to try a few other contests. The next one coming up was the ARRL 160 Meter (CW) contest. This would be a challenge. Not having a good antenna for the band, I had never even attempted to contact on 160. But, I found that my dipole would load on 160 with a tuner, so why not give it a try?

This is a good contest for night owls, as propagation on 160 is best in the wee hours. As a mere dabbler and not much of a night person, I kept my involvement to evening and early morning. Perhaps I missed the best propagation, but I worked DX all over the western US and Canada. Alaska and Oklahoma were my "DX" for this contest, each at about 1500 miles. My log now has 41 contacts listed for 160.

The next weekend came with the ARRL 10 Meter contest, taking us to the upper end of the HF spectrum. A few hours of playing around yielded contacts all over the US, plus Argentina, Uruguay, and Brazil. I found that there were many stations I could hear, but not work. So, I slapped together a quick square loop antenna around the east wall of my shack. This took about 15 minutes, 10 of which were spent fighting off the cat that was trying to eat the wire as I was stringing it!

It was pretty noisy on receive, but gave me enough extra transmit oomph to work a bunch of stations in the southeast. (Curiously, I made more contacts from Tennessee than any other state except Oregon.) I didn't get any South Americas with that antenna, but a

(Continued on page 2)

(Continued from page 2 -A Little Gun)

little further along in the sunspot cycle, an antenna like it will work plenty of DX, as well as stateside stations, on 10. My point here is that you don't need much to make a go of it. A piece of wire strung and the wall of the room can work a lot of stations when 10 is open.

I have written about these activities not because they're unique or in any way remarkable – quite the contrary. I wanted to illustrate, based on personal experience, that even a very ordinary station can allow you to participate in events that we normally think of as being in the domain of the “big gun” operators, and to have some fun doing so.

You can spend as much or as little time as you want on any of these events. If you don't want to stay up all night or blow your whole weekend, even a half hour can yield quite a few contacts and a lot of fun.

I certainly don't call myself a “contester” or “DXer.” I don't plan to submit my logs, worry about how well I scored, or bother collecting QSL cards for awards. And I still enjoy a leisurely ragchew that goes a bit beyond “599 Oregon.” But, I have changed my attitude towards contests. I used to hide out on the WARC bands during contests – now I'll jump in and have some fun.

Yes, there are a lot of big, loud guys out there, making a lot of noise in the pileups – and a few lids that just don't know when to shut up and listen. But, in between them, you can find some interesting things. And you'll make lots of contacts because there are thousands of stations on the air looking for QSOs.

I'm now looking forward to my favorite non-contest of them all: ARRL Straight Key Night on 1 January, UTC.

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NEW FEES FOR DXCC AND OTHER AWARDS ANNOUNCED

From The ARRL Letter

The ARRL DXCC Desk has announced new fees for DXCC, including a \$10.00 fee for an initial DXCC application. This has been free for League members. It will also cost more for walk-in card checking at conventions or at League Headquarters.

All applicable fees are charged on each application. Applicant must supply return postage or an SASE for any cards or information requests. The new fees go into effect January 1, 1998

Item	Old	New
Initial application each year, member	free	\$10
Additional application, member	\$10	20
Initial application, foreign member	10	20
Additional application, foreign nonmember	20	30
Convention/HQ walk-in card check	2	5
Per additional QSO*	10 cents	15 ct

Certificate fee (includes pin) \$10 \$10

Honor Roll and 5-Band DXCC

Plaques ** Old \$25+ship / New \$30+ship

#1 Honor Roll plaque Old \$40+ship / New \$50+ship

*First application prices are for 120 QSOs maximum, and additional application prices are for 100 QSOs maximum. QSOs beyond these limits are charged at this price.

**Includes pin.

New fees went into effect the first of the year for WAS, Rag Chewers Club, Old Timers Club, Friendship, and WAC awards. An initial, replacement, or additional VUCC certificate will cost \$10. Pins are \$5. An initial WAS certificate will cost \$5 plus return postage for your QSLs. WAS endorsements will be \$3 plus return postage. The 5BWAS certificate will be \$10 (includes pin) plus return postage, while the plaque will cost \$30 plus shipping.

The RCC and OTC awards will be \$3 each, while the Friendship Award will cost \$5 (no charge for these awards from ARRL affiliated clubs). The WAC and 5BWAC awards will be \$3 for US applicants, plus return postage for QSLs.

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FROM THE KEEPER OF THE ROSTER

By Randy, KZ7T

If you have filled out the membership renewal application, you've noticed that there are some thirty (30) categories, plus e-mail and packet.

In making up the roster, there is no way that I can get all the categories on a standard page. If you would like to have a roster with all of the categories on it, or some particular categories, let me know and I will run a roster off for you.

We have a problem deciphering some of the e-mail addresses which are written (printed) so badly that I can't figure them out. Please take a little time and write (print) legibly (clearly), and large enough. If there is not room enough in the space allotted, put it somewhere else with a note calling it to my attention.

If you didn't put your e-mail address on the renewal, you may send it to me via e-mail. My address is: kz7t@arrl.org

☞<>☞

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OTVARC MAKES \$300 DONATION TO ELKS LODGE CHARITY

By W7OTV

One of the highlights of the Holiday Party at the Beaverton Elks Lodge was the presentation of a check for \$300 to the Elks for their Holiday Food Drive.



Presentation of OTVARC check

From left: Lodge Representative, Randy, KZ7T, Chuck, KI7CL (hidden), Betty, N7REX

OTVARC members attending the party also placed multiple canned/package food items into a food barrel as part of their donation to the Elks Charity Food Drive.

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YOU KNOW YOU'RE A HAM WHEN.....

From The sPARC GAP

You know you are a ham, when....

- ~The only time you get up at 6AM is for a hamfest.
- ~You know you can run all your home appliances on your equipment back-up battery.
- ~Someone in a music shop asks you what bands you like and you answer 2 meter and 70 centimeter.
- ~A bank clerk asks you to spell your name and you do it phonetically.
- ~In a conversation, you wait for the Roger tone before you answer.
- ~You hear a scraping sound when driving through multi-story car parking structures.
- ~A band opening is more important than a grand opening.
- ~Sight seeing on holidays amounts to looking for antennas on towers and roof tops.
- ~The radios in your car are worth more than the car.
- ~When you walk out of the house, you not only feel for your keys and your wallet, but also your hip for your handheld.
- ~Your child's schoolteacher calls you on the phone to ask why your child identifies countries on the world map as JA, ZL, VE, G, UA and XE.

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HAM RADIO HISTORY

From The ARRL Letter

Still in a new years relaxed mood? Here is a lighthearted look at Ham radio history. The original appeared in the Contest Reflector a few months ago.

- 4 Billion BC - Earth is a swirling ball of flames. Propagation is extremely poor.
- 1 Billion BC - First dry land appears. It is divided up into grid squares.
- 500 Million BC - Second patch of dry land appears. First DXpedition. DXCC credit disallowed because of questionable licensing agreement.
- 400 Million BC - Flowering plants and grasses evolve. Rotary beam invented, but sales stall for lack of suitable mounting structures.
- 300 Million BC - First tree appears and is immediately cut down, stripped of branches, placed in a concrete base and called a telephone pole. Beam sales pick up.
- 200 Million BC - More beams sold. Installer falls from top of pole. Safety belt is invented.
- 100 Million BC - First mountain appears. The repeater invented.
- 50 Million BC - CQ is adopted.
- 4 Million BC - Humans replace swine as dominant species. The name ham operator hangs on, however.
- 3 Million BC - Dugout canoe invented. Maritime Mobile Net formed on 14.313 Mhz.
- 2 Million BC to 800 AD - Nothing much happens for a long time.
- 900 AD - Chinese invent gunpowder. BY1AA is first "Big Gun" DXer.
- 1790 AD - Ben Franklin invents long wire receiving antenna. Ground switch invented.
- 1961 AD - Second repeater erected. First repeater group refuses to change frequency. First repeater coordinator appointed.
- 1997 AD - Amateur Radio humor sinks to a new low.

~<>~

JD Fort is our club Emergency Services representative. Contact him at our next meeting or at his listed phone number — he will be glad to talk to you about joining the club's Emergency Services group.

FIELD DAY 1998

By Alan, KB7POR

I haven't even finished my Christmas shopping and here I am writing about Field Day. When is Field Day you ask? It is June 26, 27, and 28. I am new at this Field Day organizing thing, so I am looking for help. Actually, I have been to three Field Days, but one of them was back about 1964.

Most of the rest of this article will be in the form of questions. If you have any of the answers please call me and clue me in. Where should we go for the weekend. Do we want to go remote or stay in town and put on a public relations show? How much public relations can we get for ham radio from our Field Day operation? How many forms of media coverage can we get?

What modes of operation can we get on the air? Do you want to run QRP? (I know there is a yes to this one.) Do you want to try a battery powered legal limit linear? Can you get extra points for ATV on Field Day? Ever try RTTY? Can you send a message to the Section Manager? (by radio I mean). Who will get the most points, the Novice/Tech station or the Advanced station? How about a VHF/UHF station. Do you have a novel power supply we should try? Will it rain during Field Day?

Will the travelers be there? Of course, they never miss Field Day. What delicacy would you like to see come from the famous Traveler's Kitchen? Will your tent poles load up on 40 meters? How many club members will come to Field Day and operate? member we have over 150 members on the rolls. How many hours of CW can Carl stand and still keep his head upright?

As you can see (I hope) I expect that we can have fun with Field Day. I hope you agree. Please give me a call with your ideas. Early next year let's get together over lunch (or something) and put this event together. My phone is 503-636-2237. E-mail is kb7por@aol.com. Snail mail is 30 Del Prado, Lake Oswego, OR 97035. I eagerly await your ideas about Field Day 1998.

~*~*~

OTVARC FOR LUNCH BUNCH

By Geno, KB7KBH

It's a new year and the fourth Saturday lunch get-togethers are back on the schedule again! This month we will be sampling the great Chinese delicacies at the *Panda Buffet* restaurant on January 24th at 1:30PM. It is located at 11940 SW Pacific Highway, in Tigard. (On the north side of Pac. Hiway - about 1 block west of Hall Blvd)

All club members, guests and friends are invited. This is just a friendly get-together, so no dress-up is required. It's a lot of fun, so come on down - see you there.

~*~*~

Overheard - "I remember when digital communications was what you got for cutting someone off in traffic!"

AREA VE TESTING SCHEDULED

By K7OTV

Phantom Amateur Radio Club (PARG)

Second and fourth Sunday of each month
Contact John, KA0SSF, at 503-626-7399

Salem Amateur Radio Club

Third Saturday of each month
Contact Sandy, N7TQQ, at 1-800-920-9604

Clark County Amateur Radio Club

April 11, 1998
Contact 360-896-8909

Portland Adventist Radio Club

Jan. 11, April 12
Portland Community Policing Center
Contact Edith, KA7MIF, at 642-5803

Hoodview Amateur Radio Club

Contact Patsy, KA7MZZ, at 503-668-4305

Oregon Tualatin Valley Amateur Radio Club

7 Feb., 4 Apr., 6 Jun., 1 Aug., and 5 Dec.
Testing will be at the TV Fire & Rescue Bldg., 20665
SW Blanton in Aloha., from 1 to 5PM.
Contact Carl Clawson at 503-629-5796 or 526-4610 if
further details are needed.

~*~*~

ARRL NORTHWEST DIVISION DIRECTOR ON DXPEDITION

By W7OTV

I received an e-mail from Mary Lou Brown, NM7N, on December 26, containing the following information which could provide you with some interesting listening on the ham bands. Check your QST for DX frequencies.

"I shall be out of the country December 30 to January 10. My friend Alice, AI4K, and I will be on Anguilla in the Caribbean for the RTTY Round-up and some operating. We will be using the calls VP2E/NM7N and VP2E/AI4K.

It looks like I will be doing mostly CW and Alice will be doing SSB. Feel free to contact Greg Milnes, W7AGQ, should any big problems arise.

I want to wish everyone a joyous holiday season. May there be many items from the Candy Store under your tree. It is hard to believe that 1997 is almost over. Let us hope that 1998 is a good year for all."

(Continued on page 6)

(Continued from page 5 - Northwest Director)

We all know that Mary Lou is very good about taking pictures on her annual DX trips, so hopefully, later this year we can have her as a guest speaker with a show-and-tell on her trip to Anguilla.

Maybe anyone who is able to work her can give a report at our next meeting on January 14. And, just think, maybe you will be part of the videos she takes. Have fun!!



DECEMBER BOARD MEETING

By W70TV

Abbreviated Minutes Of The 17 December Board Meeting

1. Attendees were Betty Mickley, Hanford Van Ness, Dale LeBaron, Will Sheffield, Janet Bell, Al Berg, and Maureen O'Rourke.
2. Betty noted that the Local Handi Hams group will be the program for the January meeting.
3. Van gave his Treasurer's report and Betty suggested that an ad hoc committee be set up to work on the first version of the '98 budget. Committee will consist of Will, Al, Van and Betty.
4. Betty and Janet will continue work on the New Members Handbook. It will be distributed at the 14 January General meeting.
5. Motion passed to purchase certain ARRL educational videos, tapes and upgrade material. Previously budgeted educational funds will be used.
6. Discussion occurred concerning '98 as the clubs 20th anniversary. Special activities will be planned for the general meetings. The newsletter will contain references to the 20th anniversary in each issue.



Club Badges and Jackets are available at each meeting!
See Carl Clawson, WS7L, or give him a call at 629-5796. He will be glad to fix you up.

YL NET ON 2 METERS

EVERY WEDNESDAY NIGHT AT 8:00PM, ON THE 147.24 REPEATER, THERE IS A YL NET. ALL YLs ARE INVITED TO CHECK IN AND JOIN THE GROUP. KC7AAY IS THE NET CONTROL.

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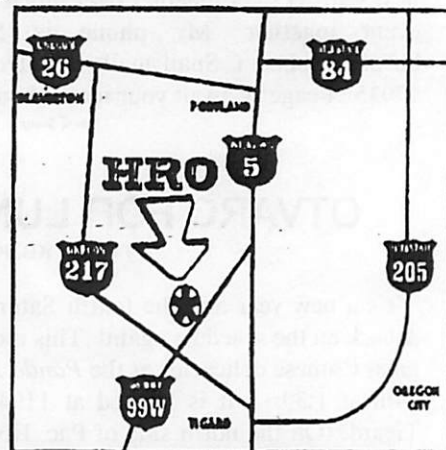
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SLOW SPEED CW NET

Monday through Saturday
7:00 PM
28.310 Mhz

OTVARC Club Contacts

OTVARC Executive Board

President	Betty Mickley	N7REX	642-1284
Vice President	J.D. Fort	KC7EHT	629-8050
Secretary	Dale LeBarron	W7FBP	638-7768
Treasurer	Hanford Van Ness	KE7BB	246-7975
Trustee	Jack Smithson	KA7HOJ	646-1873
Trustee	Will Sheffield	N7THL	642-7314
Trustee	Janet Bell	WB7FJC	648-4147
Trustee	Al Berg	WB7SIC	640-5456
Trustee	Maureen O'Rourke	KA7LAP	591-9641

Other Club Contacts

ARRL Coordinator	Bob Orr	WF7Q	472-2716
Bunny Hunting	OPEN		
Contesting	OPEN		
DX News	OPEN		
Equipment Loan	Stan Griffiths	W7NI	649-0837
Equipment Valuation	Randy Stimson	KZ7T	297-1175
Equipment Trustee	Al Berg	WB7SIC	640-5456
Emergency Services	J.D. Fort	KC7EHT	629-8050
Field Day Coordinator	Alan Chinnock	KB7POR	636-2237
Health & Welfare	Mary Berg	N7TRW	640-5456
Historian	Al Berg	WB7SIC	640-5456
Internet Home Page	Marc Chamberlin	WA7PWX	357-1869
Member Badges	Carl Clawson	WS7L	629-5796
Newsletter Editor	Dale LeBarron	W7FBP	638-7768
Newsletter Layout	Dale LeBarron	W7FBP	638-7768
Newsletter Distribution	Al Berg	WB7SIC	640-5456
Nominating Committee	Randy Stimson	KZ7T	297-1175
Packet - Club BBS	Rick Braun	KB7OGD	645-1490
Project Night	Alan Chinnock	KB7POR	636-2237
	Chuck Mickley	K17CL	652-1284
Public Relations	Open	N7VZF	644-1974
Public Service	Randy Stimson	KZ7T	297-1175
Repeater	Wes Allen	K7WWG	649-3295
RFI & TVI	Dale Mosby	K7FW	640-0217
Satellites	Open		
Scholarship	Carl Clawson	WS7L	629-5796
Sea-Pac	Al Berg	WB7SIC	640-5456
"	Brad Beach	N7NVC	657-1781
"	Jim Schaeffer	KB7ADH	245-2518
"	Randy Stimson	KZ7T	297-1175
Station Trustee	Chuck Mickley	K17CL	642-3713
Social	Geno Buell	KA7KBH	614-0563
Technical Specialist	Stan Griffiths	W7NI	649-0837
Tower Ordinances	Greg Milnes	W7AGQ	648-6990
Trailer	Dee Lynch	KA7NPN	646-4580
Training(code)	Burt Rooke(PCC)	K17JX	241-2891
Training(Novice/Tech)	Burt Rooke(PCC)	K17JX	241-2891
Training(upgrade)	OPEN		
VE Test Coordinator	Carl Clawson	WS7L	629-5796
VHF/UHF	Arnold Jensen	N7YAG	543-3713

OTVARC Club Information

Purpose: The Oregon Tualatin Valley Amateur Radio Club, a Not-for-profit corporation, wants to be instrumental in helping the prospective as well as established Amateur to become a proficient communicator in the Amateur Radio Service.

Additionally, the intent is to promote the advancement of Amateur Radio Service, through the following five objectives:

1. Education & Training of new and licensed Amateurs.
2. Public Service during public events & community activities.
3. Emergency communications during emergencies & disasters.
4. Hobby enhancement through meetings, nets & contests.
5. Social contact with other amateurs & interested persons.

Special Service Club: OTVARC is an ARRL Special Service Club. The ARRL grants us this distinction due to our participation in emergency preparedness exercises, public service events and other service-oriented programs. In addition, continuing educational and training programs are conducted for FCC licenses. OTVARC benefits from you joining the ARRL through OTVARC. To join or renew your membership in the ARRL, contact the treasurer at any regular meeting.

Newsletter: The *OTVARC Oscillator* is the club newsletter. It is published monthly and is usually mailed on the first of the month. The opinions, views, and recommendations of its contributors are not necessarily those of the club, its officers, advertisers or the editorial staff.

Correspondence: All correspondence may be sent to OTVARC, PO Box 5132, Aloha, OR 97006-0132.

Advertising: Classified ads are free to all paid up members. Display ads are available to approved commercial interests. To place an ad, mail your camera ready copy to the address above and indicate the size desired. All display ads run for six months at a time, from January through June and July through December. All ads must be paid for in advance. Rates are as follows:

Full page	8" X 10"	\$200 for six months
Half page	8" X 5"	\$120 for six months
Qtr page	4" X 5"	\$72 for six months
Bus.Card	2" X 3"	\$36 for six months

Meetings: We have two meetings per month. The board meeting is on the fourth Wednesday of each month. All club business is conducted at this meeting. All members are welcome to attend. Contact the President for location and time. The general meeting is on the second Wednesday of each month at the Beaverton Elks Lodge. 3500 SW 104th Ave. (1 block north of Canyon Road). Meetings start at 7PM. If you would like to come early, you can get a nice meal from the Elks for less than \$6.00.

Membership: OTVARC is open to anyone who is interested in amateur radio. You do not need to be a licensed radio amateur to join. Dues are as follows: Full member, \$10/yr; Associate member (non-licensed), \$10/yr; Family members of full member, \$5/yr; Life memberships available - see the Treasurer. Only full members and life members may vote on club business and serve as club officers. All memberships expire on the last day of the calendar year. If you would like to join during the year, see the club treasurer for prorated dues.

How to join: Simply mail the Membership application and/or renewal form along with your dues to the address above.

Internet Home Page: WWW.EASYSTREET.COM/OTVARC

This advertising space for sale.

Your advertising message can be here.

1998 marks OTVARC's twentieth year as an active club!

Please help celebrate this anniversary by contacting any club officer with your ideas on possible anniversary activities.

Happy
New
Year



Address Correction Requested

OTVARC
Oregon Tualatin Valley ARC
PO Box 5132
Aloha, OR 97006-0132

SEA-PAC AWARDS GIVEN

At the clubs Holiday Party last month, several members were recipients of SEA-PAC award plaques. The following were applauded. Brad Beach, N7NVC--Stan Griffiths, W7NI and Hanford VanNess, KE7BB. These members have each served on a SEA-PAC committee for 10 years. The fourth person we recognized is a guy who, at one time, was very active in club doings. He took responsibility for SEA-PAC security the first three or four years of the convention and did an outstanding job. A 12 to 14 hour day was the norm for him and tired or not, attendees were always greeted with a big smile. Hats off to Doc Miller, KA7BSD. A special award to a special guy! A BIG thank you to all you guys.....